LISTING OF THE CLAIMS

1. (Original) An apparatus for controllably obstructing and permitting airflow through a vent of a forced air system, the apparatus comprising:

an inflatable and deflatable bladder;

a nipple coupled to the bladder and having a hole extending through the nipple and into airflow communication with an interior of the bladder;

a rigid strap for coupling to the vent;

an air tube coupled to the nipple; and

a clamp coupling the air tube to the strap.

2. (Original) The apparatus of claim 1 further comprising:

a pin piercing the nipple and the air tube to couple the air tube to the nipple.

3. (Original) The apparatus of claim 2 wherein:

the pin pierces through an inner airflow diameter of the air tube.

4. (Original) The apparatus of claim 2 further comprising:

a band securing the pin to the nipple.

5. (Original) The apparatus of claim 4 wherein:

the band is crimped onto the nipple in a position over the pin.

6. (Original) The apparatus of claim 2 further comprising:

a transverse hole pre-formed through the nipple for accepting the pin.

7. (Original) The apparatus of claim 1 wherein:

the strap is adapted for coupling to the vent at an end of the strap away from the clamp.

8. (Original) The apparatus of claim 1 wherein:

the bladder is secured to the vent only indirectly by the air hose.

9. (Original) The apparatus of claim 1 further comprising:
a mounting clamp coupling the nipple to the strap.

10. (Original) The apparatus of claim 1 wherein:
the bladder has a donut shape.

11. (Original) The apparatus of claim 10 wherein the vent is located directly on a trunk which also has additional vents or ducts downstream of the vent, and the apparatus further comprises:
a roofed passageway disposed within the trunk;
wherein the donut shaped bladder is disposed beneath the roofed passageway and surrounding the vent.

12. (Original) A pneumatic bladder assembly for use as an airflow control mechanism in an HVAC system, in which an air pump selectably provides one of pressure and vacuum to an air tube extending through ductwork of the HVAC system, the pneumatic bladder assembly comprising:
an inflatable and deflatable bladder having a nipple for coupling to the air tube; and
a pin piercing the nipple and the air tube, thereby securing the air tube to the nipple.

13. (Original) The pneumatic bladder assembly of claim 12 further comprising:
a band surrounding the nipple and the pin to prevent the pin from dislodging from the nipple.

14. (Original) The pneumatic bladder assembly of claim 12 further comprising:
a rigid strap for coupling to the ductwork; and
a clamp coupled to the strap, for coupling to the air tube.

15. (Original) The pneumatic bladder assembly of claim 12 wherein:
the pin pierces through an inner diameter of the air tube, wherein the pin is in contact with the pressure and vacuum.

16. (Original) The pneumatic bladder assembly of claim 12 wherein:
the bladder has a donut shape.

17. (Original) The pneumatic bladder assembly of claim 16 further comprising:

a roof, couplable to the ductwork above a vent hole in the ductwork, and surrounded by the donut shaped bladder, wherein when the bladder is inflated, the bladder seals a space between the roof and the ductwork, thereby preventing conditioned air from passing from the ductwork out the vent hole.

18. (Original) The pneumatic bladder assembly of claim 17 wherein:

the roof comprises a substantially planar member; and

a plurality of bolts supporting the roof.

19. (Original) The pneumatic bladder assembly of claim 12 further comprising:

a clamp for securing the air tube to the ductwork, whereby the bladder is hung from the clamp in a substantially vertical duct.

20. (Original) An inflatable and deflatable bladder comprising:

a plurality of panels coupled together to form a flexible bladder;

a support block coupled to one of the panels and having a hole which passes through the support block and through the one panel to provide airflow communication to an interior of the bladder;

an air tube disposed within and forming a substantially airtight seal with the hole; and

a clamp securing the air tube to the support block, to provide strain relief for the tube to prevent the tube from being pulled out of the hole.

21. (Original) The bladder of claim 20 wherein:

the hole is equipped with barbs for retaining the air tube.